

**To:** Renae Myers[rmyers@induscorp.com]  
**Cc:** Reid, Wendy[Reid.Wendy@epa.gov]; Reems, Shera[Reems.Shera@epa.gov]; Young, Dwane[Young.Dwane@epa.gov]; cgleaton@induscorp.com[cgleaton@induscorp.com]; Spence, Sandra[Spence.Sandra@epa.gov]; Pierce, Maggie[Pierce.Maggie@epa.gov]; jhumac@induscorp.com[jhumac@induscorp.com]  
**From:** Hermann, Karl  
**Sent:** Fri 8/14/2015 1:36:30 PM  
**Subject:** RE: CO 2012 IR - Regional Check / Update Complete

Renae,

I checked the GIS data and the cycle to cycle AU-IDs. 2010 COGULG04L\_7100 was renamed to 2012 COGULG16\_7101 is GIS. However, COGULG16\_7101 does not show up in ADB. I suggest copying the 2010 COGULG04L\_7100 info into a new record for 2012 COGULG16\_7101. Cause Se should be a 4A.

About COGULG04aL\_7100 / Selenium you commented "Not restored - TMDL complete": 4A causes shouldn't appear on the 305(b) Unreconciled Causes tab, because on the 305(b) side all causes should either carry over to the next cycle or be restored, even if they are delisted from the 303(d) list because a TMDL was written. That said, COGULG04aL\_7100 doesn't appear to be in the 2012 data at all - should I copy it and its cause from 2010 to 2012? I am trying to see why the particular AU\_ID was dropped. The whole COGULG04a set of AUs have the Se TMDL.

~~~~~

Karl A. Hermann

Monitoring and Assessment

Water Quality Unit, Region 8

U.S. Environmental Protection Agency

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hermann.karl@epa.gov

**From:** Hermann, Karl  
**Sent:** Thursday, August 13, 2015 5:40 PM  
**To:** 'Renae Myers'  
**Cc:** Reid, Wendy; Reems, Shera; Young, Dwane; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Spence, Sandra; Pierce, Maggie; [jhumac@induscorp.com](mailto:jhumac@induscorp.com)'  
**Subject:** RE: CO 2012 IR - Regional Check / Update Complete

**From:** Renae Myers [<mailto:rmyers@induscorp.com>]  
**Sent:** Thursday, August 13, 2015 4:57 PM  
**To:** Hermann, Karl  
**Cc:** Reid, Wendy; Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie  
**Subject:** Re: CO 2012 IR - Regional Check / Update Complete

Hi Karl,

I've got you 100% reconciled on the 303(d) side. There are a lot of unreconciled 305(b) causes, most of which you didn't comment on. If these are restored, can you please select the correct restoration reason from the drop-down in column E? (I can send you an updated copy of the review spreadsheet as the 303(d) reconciliations did resolve a few of the 305(b) causes.) Colorado has a lot of causes identified in the "Monitoring and Evaluation List", a priority sampling/parameter list. Those are not considered impaired.

About COGULG04aL\_7100 / Selenium you commented "Not restored - TMDL complete": 4A causes shouldn't appear on the 305(b) Unreconciled Causes tab, because on the 305(b) side all causes should either carry over to the next cycle or be restored, even if they are delisted from the 303(d) list because a TMDL was written. That said, COGULG04aL\_7100 doesn't appear to be in the 2012 data at all - should I copy it and its cause from 2010 to 2012? I am trying to see why the particular AU\_ID was dropped. The whole COGULG04a set of AUs have the Se TMDL.

You also commented about COUCUC04\_6101 that the AU ID was changed to COUCUC10c\_6110, however I don't see any such ID in the 2012 data. The closest I see is COUCUC10a\_6110. Sorry, it is COUCUC10a\_6110.

Thanks,

Renae

COUCUC10c\_6110

On Thu, Aug 13, 2015 at 5:32 PM, Hermann, Karl <[Hermann.Karl@epa.gov](mailto:Hermann.Karl@epa.gov)> wrote:

Renae,

Sorry for the COSJAF extra work. Sounds like it was fine.

For COARFO01AL\_3500 and COARFO04L\_3500, they still should be 303(d)-listed for e. coli,. Both of these waters are unassessed in 2012 but the impairment should hold until proven otherwise. Copy the use and cause information from 2010 to put these two causes back on the list?

~~~~~

Karl A. Hermann

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**From:** Renae Myers [mailto:[rmyers@induscorp.com](mailto:rmyers@induscorp.com)]  
**Sent:** Thursday, August 13, 2015 3:27 PM  
**To:** Hermann, Karl  
**Cc:** Reid, Wendy; Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie  
**Subject:** Re: CO 2012 IR - Regional Check / Update Complete

OK, I think the database was correct to start with. I see TMDLs for the zinc cause for COSJAF04a\_8900 and COSJAF04b\_8900. And the only cause I see on COSJAF05a\_8900 is MANGANESE. So I won't make any changes there.

You commented that COARFO01AL\_3500 and COARFO04L\_3500 were still 303(d)-listed for e. coli, however, in the ADB I was sent, both of these waters are unassessed in 2012. Do you want me to copy the use and cause information from 2010 to put these two causes back on the list?

Thanks,

Renae

On Thu, Aug 13, 2015 at 5:03 PM, Hermann, Karl <[Hermann.Karl@epa.gov](mailto:Hermann.Karl@epa.gov)> wrote:

Renae,

No, COSJAF04a\_8900 and COSJAF04b\_8900 both have Zn impairments and a TMDL for Zn on both segments.

Segment COSJAF05a\_8900 does not have a Zn impairment. It appears I may have already removed the Zn cause in COSJAF05a\_8900.

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Karl A. Hermann

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**From:** Renae Myers [mailto:[rmyers@induscorp.com](mailto:rmyers@induscorp.com)]

**Sent:** Thursday, August 13, 2015 2:45 PM

**To:** Hermann, Karl

**Cc:** Reid, Wendy; Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie

**Subject:** Re: CO 2012 IR - Regional Check / Update Complete

Hi Karl,

I see a Zinc impairment (with no TMDL) on COSJAF04B\_8900 but not COSJAF04A\_8900 - is that correct?

Thanks,

Renae

On Thu, Aug 13, 2015 at 4:22 PM, Hermann, Karl <[Hermann.Karl@epa.gov](mailto:Hermann.Karl@epa.gov)> wrote:

The new mileage for COSJAF04b\_8900 is 28.3. For COSJAF05a\_8900, the mileage 26.2.

In addition, I had forgotten to say that Zn is an impairment cause for COSJAF05a\_8900. The segment was not impaired for Zn and the segment is not covered by a TMDL for Zn.

Koch & Klara 2020

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**From:** Renae Myers [mailto:[rmyers@induscorp.com](mailto:rmyers@induscorp.com)]  
**Sent:** Thursday, August 13, 2015 1:47 PM  
**To:** Hermann, Karl  
**Cc:** Reid, Wendy; Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie  
**Subject:** Re: CO 2012 IR - Regional Check / Update Complete

Hi Karl,

I don't have any GIS software - can you please give me the new stream miles

for COSJAF04b\_8900 and COSJAF051\_8900 so I can update it in ATTAINS? In the meantime I will add these shapefiles to the 2012 IR GIS submission so they can be corrected there.

Thanks,

Renae

On Thu, Aug 13, 2015 at 2:23 PM, Hermann, Karl <[Hermann.Karl@epa.gov](mailto:Hermann.Karl@epa.gov)> wrote:

Wendy and Shera,

Attached is my edited version of the CO 2012 IR Review Spreadsheet. I have comments in the yellow tabs that resolve issues.

Please note that in working on the Animas effort we discovered an error in the stream break point between COSJAF04b\_8900 and COSJAF051\_8900. The corrected break point is identified in the attached shapefile. The stream miles for each segment should be corrected.

Let me know if there are any remaining issues. Otherwise, I think we are good.

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Karl A. Hermann

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**From:** Reid, Wendy

**Sent:** Thursday, August 13, 2015 9:30 AM

**To:** Hermann, Karl

**Cc:** Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie

**Subject:** RE: Region 8: CO 2012 IR is ready for review

Thanks Karl!

Wendy Reid

US EPA, Office of Water

Phone: 202-566-1705

[Reid.Wendy@epa.gov](mailto:Reid.Wendy@epa.gov)

**From:** Hermann, Karl

**Sent:** Thursday, August 13, 2015 11:29 AM

**To:** Reid, Wendy

**Cc:** Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty; Spence, Sandra; Pierce, Maggie

**Subject:** RE: Region 8: CO 2012 IR is ready for review

Wendy,

Yes, I have received pressure, too. I am working on it now and hope to finish today.

FYI – I am engaged in the Gold King Spill Response so, I am juggling.

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Karl A. Hermann

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**From:** Reid, Wendy

**Sent:** Thursday, August 13, 2015 9:23 AM

**To:** Hermann, Karl

**Cc:** Reems, Shera; Young, Dwane; Renae Myers; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Jhuma Chakraborty

**Subject:** FW: Region 8: CO 2012 IR is ready for review

Hi Karl,

I wanted to check on the status of the Colorado 2012 IR review. We're receiving some pressure here to get the data published quickly because of all the focus on the Animas River.

Thanks,

Wendy

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Wendy Reid

US EPA, Office of Water

Phone: 202-566-1705

[Reid.Wendy@epa.gov](mailto:Reid.Wendy@epa.gov)

**From:** Reems, Serra

**Sent:** Wednesday, August 05, 2015 8:37 AM

**To:** Hermann, Karl

**Cc:** [rmyers@induscorp.com](mailto:rmyers@induscorp.com); Jhuma Chakraborty; [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); Reid, Wendy

**Subject:** Region 8: CO 2012 IR is ready for review

Hey Karl – Hope you are doing well. We are ready to open the CO 2012 IR Data Review. See our standard email below.

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To help with this review, we have prepared the attached 2012 IR Review document. Please open this document as you begin to review the information provided in the attached word file, excel spreadsheet, and review site in ATTAINS. Please note, we are placing a lot of emphasis on cycle tracking for both 303(d) and 305(b), so please pay particular attention to the discussion on unreconciled waters and causes as you conduct your review.

Data on ATTAINS review website: username/password

**Nonresponsive**

[http://epareview.induscorp.com/nadreview/attains\\_state.control?p\\_state=CO&p\\_cycle=2012&p\\_report=IR](http://epareview.induscorp.com/nadreview/attains_state.control?p_state=CO&p_cycle=2012&p_report=IR)

If you have any questions, please let us know.

Thanks, Shera

**From:** Jhuma Chakraborty [mailto:[jhumac@induscorp.com](mailto:jhumac@induscorp.com)]  
**Sent:** Tuesday, August 04, 2015 10:06 AM  
**To:** Reems, Shera; Reid, Wendy  
**Cc:** [cgleaton@induscorp.com](mailto:cgleaton@induscorp.com); [rmyers@induscorp.com](mailto:rmyers@induscorp.com); Jhuma Chakraborty  
**Subject:** CO 2012 IR is ready for review

Shera and Wendy,

The CO 2012 IR review is ready at

[http://epareview.induscorp.com/nadreview/attains\\_state.control?p\\_state=CO&p\\_cycle=2012&p\\_report=IR](http://epareview.induscorp.com/nadreview/attains_state.control?p_state=CO&p_cycle=2012&p_report=IR)

I have attached the review spreadsheet and IR Data Questions document.

Thanks

Jhuma

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**Jhuma Chakraborty**

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